

INTERNATIONAL SEARCH REPORT

Int'l Application No

PCT/US 00/14592

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G07F7/08 G07F7/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 27519 A (RAJA YOGENDRA KHIMJI) 25 June 1998 (1998-06-25) page 3, line 23 -page 8, line 30 page 12, line 11 - line 24 page 14, line 9 - line 27 —	1-3, 8-10, 12, 14-16, 19, 21-23
A	DE 295 20 925 U (PHILIPS PATENTVERWALTUNG) 17 October 1996 (1996-10-17) the whole document —	1-3, 9, 10, 13-15, 17, 19, 20, 22, 23
A	US 5 786 587 A (COLGATE JR GILBERT) 28 July 1998 (1998-07-28) column 7, line 32 -column 8, line 26 —	9, 14, 19 —

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

Date of mailing of the international search report

9 October 2000

18/10/2000

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 794 651 A (FRANCE TELECOM) 10 September 1997 (1997-09-10) -----	
A	DE 42 34 158 A (HOLZER WALTER) 14 April 1994 (1994-04-14) -----	

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Information on patent family members

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		GB	2334362 A, B		18-08-1999
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